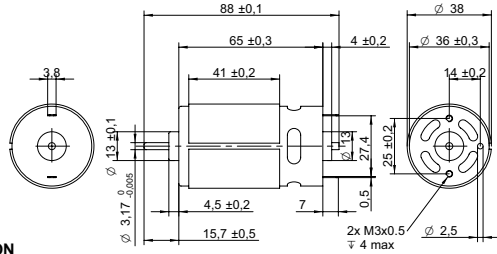


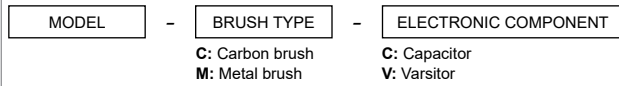
### DRAWING (mm)



### PHOTO



### MODEL NO. DESIGNATION



Example: NC5FN-3550-CVC

### OPTIONS POWER SUPPLIES

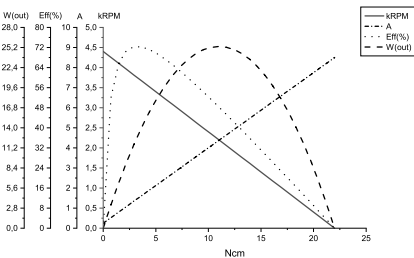


● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

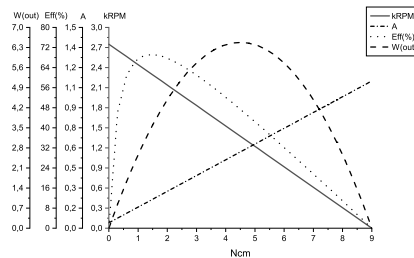
MOTOR DATA					C
Model number		NC5FN-3550-CVC	ND5FN-16190-CVC	ND5FN-3738-CVC	NC5FN-3545-CVC
Diameter	mm	38	38	38	38
Length	mm	65	65	65	65
Nominal voltage	V	12	24	24	36
No load current	A	0.25	0.04	0.4	0.3
Nominal current	A	1.4	2.2	2.6	2.1
Start/Stall current	A	9	1.1	23	22
No load speed	rpm	4400	2750	12000	16000
Nominal speed	rpm	3700	2300	11000	14000
Nominal torque	mNm	31	12	44	41
Start/Stall torque	mNm	220	90	410	450
Nominal power	W	12	2.9	51	22
Efficiency	%	72	70	77	80

COMMON MOTOR DATA					C
Shaft diameter	mm	3.17			●
Number of pole pairs		1			
Number of commutator segments		5			
Weight	g	300			
Service life	hrs	500 to 1000			
Operating temperature	°C	-10 to +60			●
Housing material		Galvanized steel			
Shaft material		High-carbon steel			●
Magnet material		Ferrite			
IP rating		IP40			
Motor insulation class		Level A			●

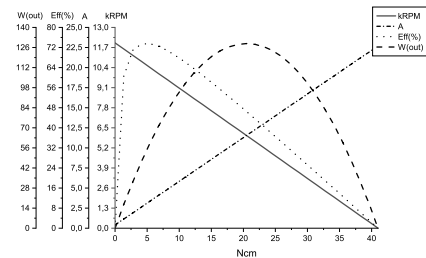
### MOTOR DATA GRAPH - NC5FN-3550-CVC



### MOTOR DATA GRAPH - ND5FN-16190-CVC



### MOTOR DATA GRAPH - ND5FN-3738-CVC



### MOTOR DATA GRAPH - NC5FN-3545-CVC

